



Hugoton High School

Course Description Book

2022-2023

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Hugoton High School Test Out Policy

A student of Hugoton High School may make a request to test out of the following courses:

Spanish I
Spanish II

Requests must be made to the high school counselor. Requirements for testing out are available in the counselor's office. The following guidelines exist for the test-out program:

1. Students must score a minimum of 90% to pass the course.
2. Students will only have one opportunity to test out of the course.

KSHAA Eligibility Requirements

To be eligible for participation in Kansas State High School Activities Association sponsored activities a student must:

- ❖ Have passed at ***least five new subjects*** during the previous semester or the last semester of attendance
- ❖ Be enrolled and attending a ***minimum of five subjects*** during the present semester
- ❖ Be a bona fide student in good standing
- ❖ Have a KSHSAA physical examination on file prior to the first practice
- ❖ Refrain from engaging in outside competition in the same sport during a season which he/she is representing the school - *includes Football, Cross Country, Volleyball, Basketball, Golf, Track Baseball, Softball, Cheer, Dance, Choir, and Band*



Hugoton High School Graduation Requirements

- ❖ One credit is equal to earning 60% or higher in a one-year class.
- ❖ One - half credit is equal to earning 60% or higher in a semester class.
- ❖ The Business Technology graduation requirement is being phased out. Beginning with the graduating class of 2024, it will no longer be a graduation requirement. Personal Finance will become a requirement for graduation beginning with the graduating class of 2025.

4	Approved English
3	Approved Mathematics
3	Approved Social Science
3	Approved Science
1	Fine Art
1	Business Tech (Class of 23, 24) Personal Finance (Class of 25, 26)
1	Health/PE
9	Electives
25	Total Credits Required for Graduation

NCAA Requirements NAIA Requirements

Students who want to participate in sports in college at any level, need to complete the corresponding clearinghouse to be eligible to compete their freshman year. If they want to compete at the Division 1 or Division 2 level, they need to complete 16 of the **approved** courses by the time they graduate. A list of approved classes can be found online or by going to Mrs. Settlemyer's office.

***Freshman and new incoming students must have a valid XLNT Brain Cognitive Test**

Criteria For Valedictorian/Salutatorian Consideration - Class of 2024 and beyond

Valedictorian and Salutatorian consideration will be given to those who complete the following criteria:

HHS Honors Curriculum

- **Language Arts** - 4 approved units - 10, 11 must be AC; Grade 12AC or College Comp I & II as an alternative.
- **Science** - 3 approved units including Biology, Chemistry, Physics
- **Mathematics** - 4 approved units above Algebra 1 including Algebra 2, Geometry, Pre-Calculus, OR College Algebra/Trigonometry AND CALCULUS
- **Social Science** - 3 approved units including US History, US Government, Geography/World History
- **Foreign Language** - 2 approved units of one foreign language
- **Business Technology** - 1 approved unit to be replaced by Personal Finance beginning with the 2025 Graduating class
- **Intro to Health Care/PE** - 1 approved unit

All students who complete the HHS Honors Curriculum (with a minimum 3.0 overall GPA) are eligible for consideration as Valedictorian and Salutatorian. The student(s) with the highest GPA will be honored as Valedictorian. The student(s) with the second highest GPA will be honored as Salutatorian. If there are multiple valedictorians, there will be no salutatorian. GPAs will be rounded to the nearest hundredth (e.g., 3.955=3.96). The GPA will be computed at the conclusion of the eighth semester.

Students who earn valedictorian and salutatorian status will be honored at the graduation ceremony with an engraved plaque and onstage recognition. Each honoree and his/her parents will be introduced by an HHS staff member of the Honoree's choice. Only two student speeches will be given. If more than two students earn Val/Sal recognition, two representatives from the group will be selected to give the speeches.

Update

Qualified Admissions Criteria:

Amended September 2019

Graduating Class of 2021 and Beyond

Admission requirements for Kansas Board of Regent Universities will change for students in this graduating class and those following.

Emporia State University, Pittsburg State University, Fort Hays State University, Wichita State University Requirements

- Act 21+ **or** Cumulative GPA 2.25+
- Pre-College Curriculum Units Recommended
- Cumulative GPA 2.0+ for College Credit earned in High School

K - State

- ACT 21+ **or** Cumulative GPA 3.25+
- Pre-College Curriculum Units Recommended
- Cumulative GPA 2.0+ for College Credit earned in High School

KU

- ACT 21+ & Cumulative GPA 3.25+ **or** ACT 24 + Cumulative GPA 3.0+
- Pre - College Curriculum Units Recommended
- Cumulative GPA 2.0+ for College Credit earned in High School

What This Means for HHS

Supporting Students

The information below outlines how students will continue to be supported to ensure they are successful at their chosen universities.

- Courses identified as meeting the Pre-College Curriculum criteria will continue to be reflected in each student's program of study (Courses were previously identified as "Qualified Admission").
- Students will continue to be encouraged to consider enrolling in courses identified as "Pre-College Curriculum" courses.
- In order to graduate from our accredited high school programs, students will continue to follow guidelines as set forth by the USD 210 Board of Education outlining graduation requirements.
- Requirements for Kansas State Scholars will continue to remain the same. Students who wish to follow this program of study will need to complete the Kansas Scholars Curriculum which includes the specific Pre-College Curriculum courses determined by the Kansas Board of Regents.

Kansas Scholars Curriculum Requirements

Completion of the Kansas Scholars Curriculum, may designate qualified seniors as State Scholars which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to \$1000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA. For more information regarding qualifying requirements, contact the Kansas Board of Regents at (785)430-4255 kansasregents.org/students/student_financial_aid

Kansas CTE Scholar

- ◆ Must be a graduating senior
- ◆ Completed (or upon successful completion of current course enrollment) 3.0 CTE credits with at least 2.0 of above the introductory level. Credits can be earned across pathways.
- ◆ GPA in CTE Courses above the introductory level must be 3.5 or higher
- ◆ Technical skill attainment
- ◆ Civic engagement or outstanding community service
- ◆ Work based learning experience

Students who earn Kansas CTE Scholar will be recognized in the following ways:

- ◆ Certificate with student's name
- ◆ Graduation honor cord
- ◆ Commemorative pin
- ◆ Statewide news release
- ◆ KSDE website recognition



General Information and Policy

- **Students who desire a schedule change for either semester should make arrangements with the counselor before the semester begins. Late schedule changes will be made as deemed necessary by the administration.**
- Classes listed on enrollment forms may be canceled by the administration if enrollment is low.
- Students who have failed a semester or more of a required subject must retake the semester of the course they failed the following year. **If a student fails second semester of a math class she/he must retake both semesters the following year.**
- To meet the “Fine Arts” graduation requirement a student must complete at least one full unit Credit from any of the following: any art class, any music class, Graphic Design, and Photo Imaging.
- **Students must meet credit requirements in order to move to the next level.**
- **0 - 5 Freshman; 6 - 11 Sophomore; 12 - 17 Junior; 18+ Senior**
- Class enrollment for Hugoton High School: Students will fill out a class enrollment form for their grade level and turn it into the counselor. Senior students will be scheduled first, then Juniors, Sophomores, and Freshmen in that order. We do not discriminate on race, gender, or disability.

Sample schedule to meet graduation requirements

<p style="text-align: center;">9th Grade</p> <ul style="list-style-type: none"> ◆ English 9/English 9 AC ◆ Math (Algebra 1 or Geometry) ◆ Biology/Advanced Biology ◆ Intro to Health Care ◆ Electives 	<p style="text-align: center;">10th Grade</p> <ul style="list-style-type: none"> ◆ English 10/10AC ◆ Math (Algebra 2 or Geometry) ◆ Science ◆ Geography World History/World Civ 1 & 2 ◆ Fine Art ◆ Electives
<p style="text-align: center;">11th Grade</p> <ul style="list-style-type: none"> ◆ English 11/11AC ◆ Math ◆ Science ◆ US History/American History ◆ Personal Finance (required starting with class of 25) 	<p style="text-align: center;">12th Grade</p> <ul style="list-style-type: none"> ◆ English 12/Comp ½ ◆ Government ◆ Economics ◆ Electives ◆ Any other required classes not previously received

College Classes Dual Credit (IDCE)

Students taking dual credit classes during the regular school day are required to pay for the college credits and the cost of the textbooks. College classes taken outside the regular school day **will not** count as dual credit, unless arrangements are made with the counselor/administration. Students interested in taking these classes must enroll with the high school **Counselor**. Students are responsible for purchasing/renting the textbook. Students will need the course number and name when ordering textbooks. The cost for 2022-2023 school term is \$117.00 per credit hour. All payment arrangements, including past due balances, must be handled through the business office at SCCC. Students will not be allowed to enroll in additional classes or order transcripts until all financial obligations are met.

Course Description

Agriculture

Agriscience

- ◆ Credit: 1
- ◆ Course Number: 18002
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Comprehensive Ag Sci., Power Struc/Tech Systems
- ◆ Course Fee: \$25
- ◆ Club: FFA

Introductory course for students in Agricultural Sciences. Course work includes basic instruction in animal sciences, plant sciences, horticulture, Ag mechanics technologies, FFA leadership skills, responsibility, trust and an overview of career opportunities in agriculture.

Animal Science

- ◆ Credit: 1
- ◆ Course Number: 18101
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Comprehensive Ag Sci
- ◆ Course Fee: \$25
- ◆ Club: FFA

Provides an overview of the animal production industry and how the biological sciences apply to the growth and development of animals. Topics covered include animal growth and development, animal anatomy and physiology, animal reproduction, artificial insemination, embryo transfer, animal nutrition and feeding, and genetics and animal selection. Class format: group discussion, classroom/laboratory demonstrations, group projects, laboratory work, individual career development skills and field trips. (Agriscience preferred but not required). Qualifies as a science credit.

Food Science

- ◆ Credit: 1
- ◆ Course Number: 18305
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Comprehensive Ag Sci
- ◆ Course Fee: \$25
- ◆ Club: FFA

An introductory study of Agricultural commodities processing, providing an overview of the general knowledge of the procedures and technologies used in producing/processing grain, meat, milk, and bio-fuels with emphasis on career skill development applicable to these industries. Class format: group discussion, classroom/laboratory demonstrations, group projects, laboratory work, individual career development skills and field trips. (Agriscience preferred but not required). Qualifies as a science credit.

Plant/Soil Science

- ◆ Credit: 1
- ◆ Course Number: 18059
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Comprehensive Ag Sci
- ◆ Course Fee: \$25
- ◆ Club: FFA

Course provides knowledge about the propagation of plants for food and fiber. These courses may cover such topics as soil science, irrigation, pest and weed control, food and fiber processing, and farm operations. They may also cover the knowledge and skills needed to produce all types of crops or may emphasize a particular area of the agricultural industry. Qualifies as a science credit.

Agriculture Mechanics

- ◆ Credit: 1
- ◆ Course Number: 18401
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Power Struc/Tech Sys.
- ◆ Course Fee: \$25
- ◆ Club: FFA

(*Agri-Science* required and an instructor approved project plan must be in place before the end of the first nine weeks of school). Course designed for students interested in additional study in the metal manufacturing field and other areas of mechanical technologies. Emphasis is placed on relationship of mechanics and agriculture. Topics covered include safety, basic welding processes, machine tool use, machinery maintenance, and project construction.

Advanced Ag Mechanics

- ◆ Credit: 1
- ◆ Course Number: 18401
- ◆ Grades: 11, 12
- ◆ Pathway: Power Struc/Tech Syst.
- ◆ Course Fee: \$25
- ◆ Club: FFA

(*Agri-Science* required and an instructor approved project plan must be in place before the end of the first nine weeks of school). Course designed for additional study of the *Agriculture Mechanics* areas of advanced welding, Ag electrification/electronics, plumbing, soil/water management, FFA leadership, with emphasis on career skills and job applications.

Agribusiness

- ◆ Credit: 1
- ◆ Course Number: 18201
- ◆ Grades: 12
- ◆ Pathway: Comprehensive Ag Sci, Power Struc/Tech Sys
- ◆ Course Fee: \$25
- ◆ Club: FFA

Course provides students experience in business and personal finance through business evaluation with emphasis on career development event areas, record keeping and leadership development. Students will gain hands-on experience through student projects in the class and their SAE Program. (Completion of *Agriscience* in required).

Workplace Experience Ag Internship

- ◆ Credit: 1
- ◆ Course Number: 18048
- ◆ Grades: 12
- ◆ Pathway: Power Struc/Tech Sys, Comprehensive Ag Sci
- ◆ Club: FFA

This course is for seniors who would like to gain experience in the workforce while enrolled in an Ag Class that will emphasize the skills that employers are looking for in reliable employees which will include a higher level of Career Development Skills emphasizing: listening skills, oral communication, written communication, Ag math, human relationship, decision making/problem solving, teamwork, time management, work ethics and career planning. Students will be required to have a supervised agricultural experience program and maintain their record book with hours worked, income/expense, and skills utilized. Students will be allowed to work concurrently as they progress through this course. **Completion of Agriscience pathway required.**



Business Marketing/Computer Information Systems

Enrolling in business classes meets coursework requirements for membership in our Distributive Education Clubs of America student organization (DECA).

Applied Business Development

Prerequisite - 1.0 cr Business Management or .5 credit each Business

Communications/Career Life Planning and a Job Application for Hire

- ◆ **Credit:** 1
- ◆ **Course Number:** 32201
- ◆ **Grades:** 10, 11, 12
- ◆ **Pathway:** Business Mgt/Entre.
- ◆ **Club:** DECA

The project-based course provides an opportunity for students to use skills gained in lower-level business courses. Students will practice skills of planning, organizing, directing, and controlling functions of operating a business or special event, while assuming responsibilities and risks involved. Possible projects include implementation of a campus store, and coordination of special events, among others.

Business Entrepreneurship

- ◆ **Credit:** 1
- ◆ **Course Number:** 12053
- ◆ **Grades:** 10, 11, 12
- ◆ **Pathway:** Business Mgt/Entre.
- ◆ **Club:** DECA

Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own business. Topics include: economics, marketing principles, human relations and psychology, business and labor laws; legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in business management courses may also be included.

Business Management

- ◆ **Credit:** .5
- ◆ **Course Number:** 12052
- ◆ **Grades:** 9, 10, 11, 12
- ◆ **Pathway:** Business Mgt/Entre.
- ◆ **Club:** DECA

Acquaints students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry,

government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

Business Communications

- ◆ **Credit:** .5
- ◆ **Course Number:** 12009
- ◆ **Grades:** 9, 10, 11, 12
- ◆ **Pathway:** Business Mgt/Entre.
- ◆ **Club:** DECA

Business communications will help students develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, non-verbal communication, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world applications. This course offers the opportunity to learn, utilize, and appreciate those impacts in future workforce environments. Basic keyboarding skills in Word, Excel, and Powerpoint are emphasized. **Required for graduation for classes 23 and 24.**

Graphic Design

- ◆ **Credit:** 1
- ◆ **Course Number:** 11154
- ◆ **Grades:** 10, 11, 12
- ◆ **Pathway:** Digital Media
- ◆ **Club:** DECA

Emphasizes design elements and principles in the purposeful arrangement of images and text to communicate a message. It focuses on creating art products such as advertisements, product designs, and identity symbols. Graphic design may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles. *Qualifies as a fine art credit.*

Graphic Design Fundamentals

- ◆ **Credit:** .5
- ◆ **Course Number:** 30102
- ◆ **Grades:** 10, 11, 12
- ◆ **Pathway:** Digital Media
- ◆ **Club:** DECA

Graphic Design Fundamentals

provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software and equipment and learning composition techniques and equipment and learning composition techniques to develop a quality product.

Media and Public Relations

- ◆ **Credit:** 1.0
- ◆ **Course Number:** 43115
- ◆ **Grades:** 10, 11, 12
- ◆ **Pathway:** Digital Media
- ◆ **Club:** DECA

Media and Public Relations will build skills needed to communicate messages to the public as it relates to topics of concern. Topics will include conflict awareness, reliability of sources, creating publicity materials, public relations campaigns and working with media.

Media Technology Workplace

Internship

- ◆ **Credit:** 1.0
- ◆ **Course Number:** 10248
- ◆ **Grade:** 12
- ◆ **Pathway:** Digital Media
- ◆ **Club:** DECA

Course provides students with work experience in fields related to media technology. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid.) This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.



Business Marketing/ Computer Information Systems - cont.

Consumer and Personal Finance

- ◆ **Credit 1.0**
- ◆ **Course Number 22210**
- ◆ **Grades: 10, 11, 12**
- ◆ **Pathway: Bus Mgt/Entrep**
- ◆ **Club: DECA**

The course provides an in-depth analysis of real life skills and how to apply these skills; will also give an analysis of Financial Literacy. That this class has to offer will benefit you now and after high school. Topics include: Career Decisions-choosing a career, planning for a career, getting a job, work laws, career development; Money Management = pay/benefits and working conditions, federal income tax, budgets and financial records, checking accounts and other banking services, assessing your financial health; Financial Security = saving for the future, investing for the future, investing in stocks, investing in bonds, investing in mutual funds, real estate, retirement and estate planning, assessing financial security; Credit Management = managing credit and debt, responsibilities and costs of credit, credit in America; Resource Management = personal decision making, renting a residence, buying a home, buying and caring for a vehicle, family decisions, managing resources; Risk Management = to Risk management, property and liability insurance, health and life insurance, managing personal risks; Consumer Rights and Responsibilities = role of consumers in a free enterprise system, consumer protection, dispute resolution, exploring ethical issues. *"May count as a math credit for seniors only with administrative approval."* ***Required for Class 2025 and beyond.***

21st Century Journalism

- ◆ **Credit 1.0**
- ◆ **Course Number 30100**
- ◆ **Grades: 9, 10, 11, 12**
- ◆ **Pathway: Digital Media**
- ◆ **Club: DECA**

21st Century Journalism promotes the development of the skill set needed today and in the future. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalism.

Yearbook

- ◆ **Credit 1.0**
- ◆ **Course Number 11101**
- ◆ **Grades: 9, 10, 11, 12**

Yearbook provides students with knowledge and skills necessary for career interest in journalism. Students will further their writing skills and training will include photo composition and light editing. Students will be in charge of producing "The Eagle" HHS yearbook. Personal responsibility and self-drive are a must. *****Requirements for freshmen entering yearbook include having been in yearbook for at least ONE year in Middle School, need a letter of recommendation from the Middle School Yearbook Sponsor, OR a character reference from a different teacher.***

Photo Imaging

- ◆ **Credit .5**
- ◆ **Course Number 30105**
- ◆ **Grades: 10, 11, 12**
- ◆ **Pathway: Digital Media**



Students are taught the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. ***"Qualifies as a Fine Art"***

Video Production

- ◆ **Credit .5**
- ◆ **Course Number 30150**
- ◆ **Grades: 10, 11, 12**
- ◆ **Pathway: Digital Media**



Video Production applies the technical skills learned in Audio Video Production Fundamentals by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways, but must address an authentic need. The complexity of the presentation is not the focus of this course but the experience of the entire process is. Including planning the presentation, setting up the studio (if applicable), acting as the videographer, and editor to make it fluid and seamless.

Education/Teacher Training

Career and Life Planning

- ◆ Credit .5
- ◆ Course Number 22207
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Teaching/Training

Course introduces students to the skills and strategies helpful in becoming more focused, productive individuals. Typically emphasizes goal setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. May also allow students to explore various career and lifestyle choices.

Teaching As a Career

- ◆ Credit 1.0
- ◆ Course Number 19151
- ◆ Grades: 11, 12
- ◆ Pathway: Teaching/Training

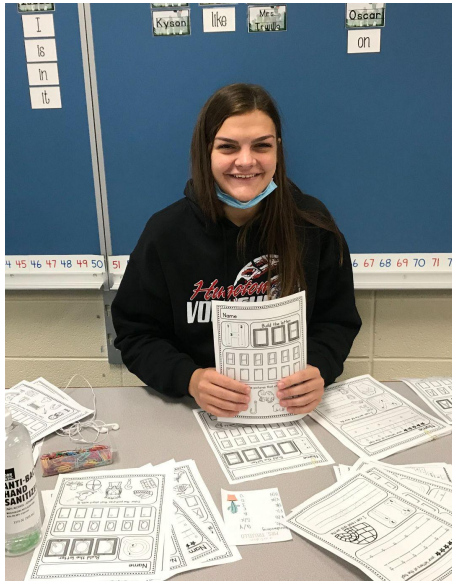
Available to **sophomores and juniors** who are exploring a career in education and intend to enroll in Workplace Experience Teaching Internship during their senior year. Teaching Profession courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to and train them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.

Workplace Experience Teaching Internship

- ◆ Credit 1.0
- ◆ Course Number 19198
- ◆ Grade 12
- ◆ Pathway: Teaching/Training

Available to **SENIORS ONLY**. Various opportunities are available throughout the district including positions located at the elementary school, middle school and high school.

Each student is assigned to a supervising staff member and is evaluated at the end of each nine week grading period. Evaluations are conducted on a pass/fail basis and are not computed as part of the cumulative grade point average. Students are allowed only one Teaching Internship period per day and must be approved by the principal.



Family Studies

- ◆ Credit .5
- ◆ Course Number 19255
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Teaching/Training

The Family Studies course explores the roles and responsibilities of parents such as how society, media, technology and diversity impact their ability to balance work and family. It also includes the development of children and parents as their earliest teacher. Parenting styles and family stages are explored as is the changing demographics which will change the face of the US family. Parenting and behavior guidance skills are strengthened through a study of positive family relationships, child abuse and neglect, safety, and health practices. Occupations related to meeting the needs of families will be analyzed. This course will promote the creation of healthy and sustainable families be they their own or those they work with.

Human Growth & Development - Early Years - Not Dual Credit

- ◆ Credit .5
- ◆ Course Number 45004
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Teaching/Training

Human Growth and Development – The Early Years provides students with knowledge about the physical, intellectual, emotional, and social growth (PIES) and development of children. Course content will provide an overview of life stages from prenatal and birth processes and fundamentals of children's milestone development during the early years.

Lifespan Development

- ◆ Credit .5
- ◆ Course Number 45014
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Teaching/Training

Life Span Development prepares students for occupations associated with meeting the needs of people by learning about physical, intellectual, emotional and social development from childhood to death. In addition, this course helps students discover how Credit Individuals respond to the various stages of the life span with a strong tie to teen years, adulthood and later years.

Engineering/ Technology/ Construction

Wood Principles

- ◆ Credit 1.0
- ◆ Course Number 17007
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Construction/Design

Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware. Initial topics may resemble those taught in woodworking courses; more advanced topics may include how to install plastic laminates on surfaces and how to apply spray finishes.

Remodeling and Building

Maintenance A/B

- ◆ Credit 1.0
- ◆ Course Number 17009A/B
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Construction/Design

Building Maintenance courses train students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of air conditioning, heating, plumbing, electrical, and other mechanical systems. Topics covered may include identifying and using hand and power tools safely; installing and repairing floor coverings, walls, and ceilings; installing and repairing doors, windows, screens, and cabinets; applying finishes to prepare surfaces; and repairing roofs, masonry, plumbing, and electrical systems.



Cabinetmaking & Furniture Design II

- ◆ Credit 1.0
- ◆ Course Number 38007
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Construction/Design

Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware. Initial topics may resemble those taught in woodworking courses; more advanced topics may include how to install plastic laminates on surfaces and how to apply spray finishes.

Comprehensive Workplace Experience Internship

- ◆ Credit 1.0
- ◆ Course Number 38110
- ◆ Grade 12
- ◆ Pathway: Construction/Design

An advanced application level course that offers students an opportunity to apply knowledge and skills in an actual workplace setting, outside of the school setting, that explores all aspects of the selected industry, builds relationships with industry professionals, and creates a seamless transition from secondary to postsecondary pursuits and job satisfaction. Students should have completed other pathway courses at the technical and application level prior to this course.

Robotics

- ◆ Credit 1.0
- ◆ Course Number 21009
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Eng/App Mathematics

Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers. *May count as a science credit.*

Engineering Workplace Experience Internship

- ◆ Credit 1.0
- ◆ Course Number 21048
- ◆ Grade 12
- ◆ Pathway: Eng/App Mathematics

Course provides students with work experience in an engineering-related field. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Introduction to Engineering

On Edgenuity

- ◆ Credit 1.0
- ◆ Course Number 41310
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Eng/App Mathematics

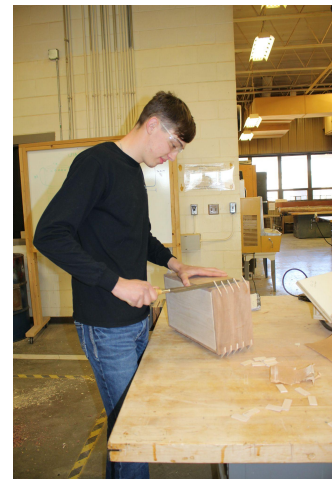
An introductory level course designed to introduce students to concepts in Engineering with a focus on Science, Technology, Engineering, & Math; including units on safety and tools, computer use, design, automation, robotics, space, flight, and electricity.

Principles of Applied

Engineering - on Edgenuity

- ◆ Credit 1.0
- ◆ Course Number 41320
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Eng/App Mathematics

A Technical level course designed to expand student knowledge in the area of applied engineering and allow students to apply learning related to multiple topics in the field of Engineering.



Family/Community & Consumer Services

Nutrition and Wellness

- ◆ Credit .5
- ◆ Course Number 19252
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Family Comm/Cons Serv

This course will examine components of interpersonal and intrapersonal well-being. Students will prepare for careers related to nutrition and wellness concepts by taking an in-depth look at various types of diets, nutrition information, and disease prevention to identify and apply healthy practices for a lifetime of wellness. Additionally, students will explore a variety of physical activities.

Culinary Essentials A/B

- ◆ Credit 1.0
- ◆ Course Number 16052 A/B
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Family Comm/Cons Serv

Restaurant, Food, and Beverage Services - Comprehensive courses provide students with knowledge and skills related to commercial and institutional food service establishments. Course topics range widely, but usually include sanitation and safety procedures, nutrition and dietary guidelines, food preparation (and quantity food production), and meal planning and presentation. Restaurant, Food, and Beverage Service courses may include both "back-of-the-house" and "front-of-the-house" experiences, and may therefore also cover reservation systems, customer service, and restaurant/business management.

Consumer and Personal Finance

- ◆ Credit 1.0
- ◆ Course Number 22210
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Family Comm/Cons Serv

Consumer and Personal Finance teaches essential personal finance skills and habits for independent living as a young adult. Topics explored include career and lifestyle management, savings and investing, credit and debt, insurance, taxes and social security, budget planning, rental leases, auto financing, and consumer protection. Activities will focus on students making decisions that will assist them with living on their own.

Community Connections

- ◆ Credit .5
- ◆ Course Number 19297
- ◆ Grades: 11, 12
- ◆ Pathway: Family Comm/Cons Serv

Community Connections provides community based/school based learning experiences typically within the family and consumer sciences classroom. Learning goals are set by the student, teacher and community partners to create experiences and/or discussions to enhance the development of the workplace skills (e.g. leadership, empathy, communication, problem solving, cooperation, critical thinking, and resource management) needed to be successful in service related careers. ***This course has a prerequisite of a 1.0 credit within Human Services Cluster Pathways courses.*

Career Connections

- ◆ Credit .5
- ◆ Course Number 19298
- ◆ Grades: 11, 12
- ◆ Pathway: Family Comm/Cons Serv

Career Connections provides human services/family and consumer sciences related work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences and/or discussions related to human services/ family and consumer sciences occupational technical skills. ***This course has a prerequisite of a 1.0 credit within Human Services Cluster Pathways courses.*

Fine Arts

Band

- ◆ Credit 1.0
- ◆ Course Number 05102
- ◆ Grades: 9, 10, 11, 12

Band is intended for students who have had at least two years of study on a wind, brass, or percussion instrument. The class practices and performs music of various stylistic periods through participation in marching band, pep band, and concert ensemble. Advanced training in technique and interpretation of music is also offered in this course, as well as opportunities for solo and small ensemble performance.



Music Appreciation

- ◆ Credit 1.0
- ◆ Course Number 05118
- ◆ Grades: 9, 10, 11, 12

Course focuses specifically on students' appreciation of music. Designed to help students explore the world of music and to develop an understanding of the importance of music in their lives.



Chorus

- ◆ Credit 1.0
- ◆ Course Number 05110
- ◆ Grades: 9, 10, 11, 12

Chorus is designed for those who truly enjoy singing and who like to be a part of a performing group. The class practices on vocal fundamentals and performs a varied repertoire of styles for concerts and competition. Students will perform in three concerts per year as well as League and State Music Festivals. *Prerequisite: must be able to match pitch*

Show Choir

- ◆ Credit 1.0
- ◆ Course Number 05110
- ◆ Grades: 9, 10, 11, 12

This is a music-based elective that will teach reading music and rhythm, as well as lyrical dancing and actions to complement the songs learned. Attendance at required performances and competitions outside the school day will be expected from this selected group. Students will be selected from an audition process held in March.



Fine Arts

Art 1A

- ◆ Credit 1
- ◆ Course Number 05154
- ◆ Grades: 9, 10, 11, 12
- ◆ Fee: \$25.00

No prerequisite - Basic Beginning Intro Art Class. For any student with no high school art experience, students with or without middle school art experience. Basic introductory art studies covering drawing, painting, sculpture and various forms of art media. Course will provide students with the knowledge and opportunity to explore such art forms, and create individual works of art. Study of past artists, art movements and art history are incorporated throughout the year. Any student may take this section of beginning art one year, and may take Art 1 Section A the following year to continue. One Time course only: Any student who has completed this course from the previous year or any year does not take this course again.

Art 1B

- ◆ Credit 1.0
- ◆ Course Number 05154
- ◆ Grades: 9, 10, 11, 12
- ◆ Fee: \$25.00

No prerequisite - Basic Beginning Intro Art Class. For any student with no high school art experience, students with or without middle school art experience. Basic introductory art studies covering drawing, painting, sculpture and various forms of art media. Course will provide students with the knowledge and opportunity to explore such art forms, and create individual works of art. Study of past artists, art movements and art history are incorporated throughout the year. Any student may take this section of beginning art one year, and may take Art 1 Section A the following year to continue. One Time course only: Any student who has completed this course from the previous year or any year does not take this course again.



Art 2

- ◆ Credit 1
- ◆ Course Number 05151
- ◆ Grades: 10, 11, 12
- ◆ Fee: \$25.00

Prerequisite: Must have a passing grade and successful completion of Art 1 Section A and Art 1 Section B. Designed for art students with art experience wishing to continue on in the USD 210 art program. This is a second level course with second year advanced and learned techniques and processes taught in beginning intro art classes. Students will advance and must have previous knowledge in drawing, painting, ceramics, sculpture, and aspects of art history and art appreciation relevant to such studies will be explored. One time course only: Any student who has completed this course from the previous year or any year before does not take this hour again.

Advanced Art Explorations

- ◆ Credit 1.0
- ◆ Course Number 015154C
- ◆ Grades: 10, 11, 12
- ◆ Fee: \$25.00

Prerequisite - Must have passing grade and successful completion of Art 1A, 1 B or Art 2 or Teacher Recommendation after freshman year. Designed for advanced students with art experience. Aimed at students with exceptional talents, an interest in majoring in art in college, or following an art related career, or those with successful art show records and show competition in previous years. Students must have skills and techniques to advance upon learning from all art courses, with the study of processes for new advanced techniques, art processes and procedures as well as learning how to create professionally and independently. Studies include extensive art history and relevant art movement studies. One time course only: Any student who has completed this course from the previous year or any other year before does not take this course again.

Advanced Art by Arrangement - All Hours

- ◆ Credit 1.0
- ◆ Course Number: 05170
- ◆ Grades: 10, 11, 12
- ◆ Fee: \$25.00

Prerequisite - By special arrangement with the instructor. By arrangement students must have completion of Art 1 A and B, and Advanced Art. For students with gifted ability or exceptional talents, an interest in art careers, or art study after high school. Students wishing to take this course may be recommended based on the following: skilled previous works, ability to work independently and meet deadlines, high level or "gifted" abilities as recognized by the art instructor.

Focus is building a portfolio and successful competition/show record. Class is only available for students with multiple years of experience.

Art Appreciation

- ◆ Credit 1.0
- ◆ Course Number 05151
- ◆ Grades: 9, 10, 11, 12
- ◆ Fee: \$25.00

Course introduces students to the many forms of art and helps them form an aesthetic framework through which they can judge and critique art of various ages and cultures. The course explores the place and significance of art in our society.

Intro to Drawing

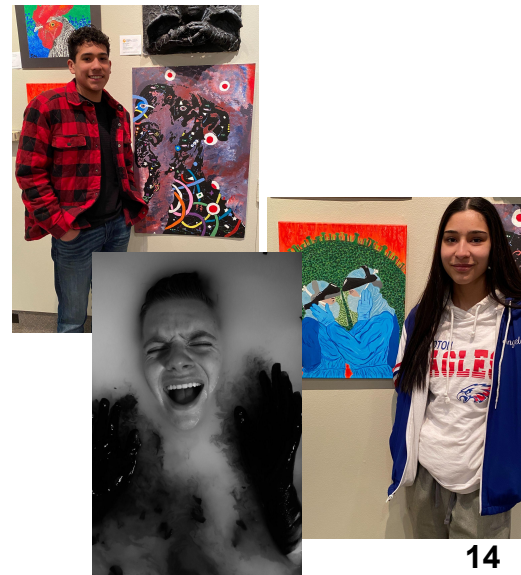
- ◆ Credit 1.0
- ◆ Course Number 05151
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Digital Media
- ◆ Fee: \$25.00

Introduction to Drawing and Design emphasizes the development of fundamental drawing skills for students learning graphic design. Focus will be on the application of art theory, processes and techniques that increase the power of observation. Instruction includes the elements and principles of design as applied in composition through hard copy and/or electronic software.

Intro to Theater

- ◆ Credit .5
- ◆ Course Number 05051
- ◆ Grades: 9, 10, 11, 12

Intro to Theater provides an overview of the art, conventions, and history of the theater. Although the courses sometimes include experiential exercises they emphasize learning about the theater rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature, major playwrights, the formation of theater as a cultural tradition, and critical appreciation of the art.



Foreign Language

Spanish I

- ◆ Credit 1.0
- ◆ Course Number 06101
- ◆ Grades: 9, 10, 11, 12

Designed to introduce students to Spanish language and culture, courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Spanish 2

- ◆ Credit 1.0
- ◆ Course Number 06102
- ◆ Grades: 9, 10, 11, 12

Spanish II builds upon skills developed in Spanish 1, extending students ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Health Science/ Physical Education

Functional Strength (boys/girls)

- ◆ Credit 1.0
- ◆ Course Number 08005B
- ◆ Grades: 9, 10, 11, 12

The primary goal of *Functional Strength* is to transfer the improvements in strength achieved in one movement to enhancing the performance of another movement by affecting the entire neuromuscular system. Students will learn different methods for movements such as squat, hinge, single leg squat, push and pull while incorporating core training - anti flex, extension and rotation.

Certified Nurse Aide (CNA)

16 years or older (*Dual Credit*)

2nd semester

- ◆ Credit 1.0
- ◆ Course Number 14997
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Health Science

The *Certified Nurses Aide* course is offered through SCCC. See *Counselor for registration*. Fees and tuition rates may apply, but this course is currently funded by the State of Kansas for high school students via *Excell in CTE*. Students passing the course with a C or better will earn 5 college credit hours. ACT score not required. Students will also need to invest in uniforms and equipment. *Medical Terminology and Anatomy & Physiology* are prerequisites for CNA at HHS.

Medical Terminology (*Dual Credit*)

- ◆ Credit 1.0
- ◆ Course Number 14154
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Health Science

Students planning to take the CNA course must take Medical Terminology prior to enrolling in CNA. Students will learn how to identify medical terms by analyzing their components. This course emphasizes defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. See *Counselor for registration*. Fees and tuition rates may apply, but this course is currently funded by the State of Kansas for high school students via *Excel in CTE*. Students passing the course with a C or better will earn 3 college credit hours. ACT score not required. HHS students currently take this course online through EDUKan.

Health Care Work Exp Internship

- ◆ Credit 1.0
- ◆ Course Number 36992
- ◆ Grade 12
- ◆ Pathway Health Science

Workplace Experience courses provide students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.



Health Science/ Physical Education



Intro to Health Care 1/2 (9th grade boys/ girls)

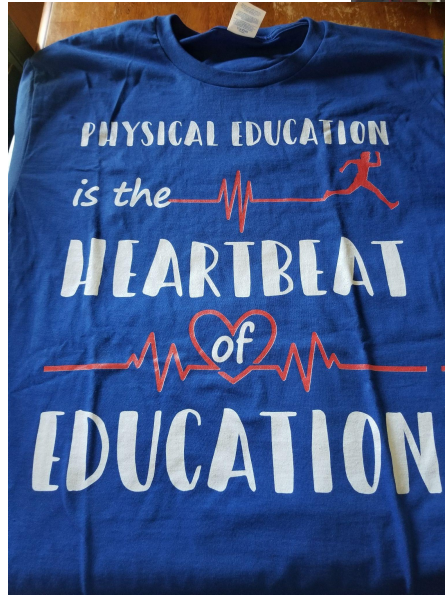
- ◆ Credit 1.0
- ◆ Course Number 14001
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Health Science

Provides students with the basic knowledge of health/wellness professionals in private business and industry, community organizations, and health care settings. Includes instruction in personal health, community health and welfare, nutrition, epidemiology, disease prevention, fitness and exercise and health behaviors. Students will receive CPR training. **Required for graduation.**

Circuit Training

- ◆ Credit 1.0
- ◆ Course Number 08005
- ◆ Grades: 9, 10, 11, 12

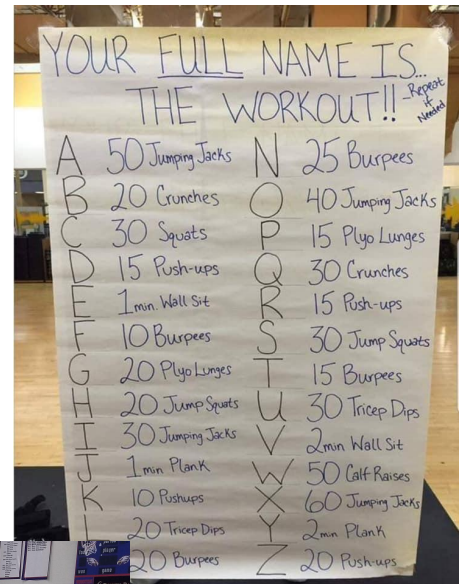
(Prerequisite - Students taking this class should be involved in at least two sports or extracurricular activities during the school year.) Designed to focus on physical conditioning in which one moves from one exercise to another, usually in a series of different stations or pieces of equipment. The course will focus on skill, fundamental and technique development and will improve one's overall fitness and skill development. The primary focus is athletic development.



Games & Activities

- ◆ Credit 1.0
- ◆ Course Number 08001
- ◆ Grades: 10, 11, 12

This class is designed for students interested in learning skills and strategies of team sports/lifetime activities. This course will include daily skill instruction and implementation of those skills into a competitive game setting. Sports may include, but are not limited to: basketball, flag football, soccer, ultimate Frisbee, pickleball, badminton, Frisbee golf, and volleyball. This course will also include daily cardiovascular &/or fitness activities. The course will highlight the significance of lifetime physical fitness and stress the importance of performance, sportsmanship and the rules and regulations.



Language Arts

LA9

- ◆ Credit 1.0
- ◆ Course Number 01001
- ◆ Grade 9

LA9 courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections. A research project will be required.

LA9AC

- ◆ Credit 1.0
- ◆ Course Number 01101A
- ◆ Grade: 9

Students will cover the same material as LA9 while extending that material to more depth. The students will be required to do more multi-paragraph writing as well as participate in in-depth analysis of reading. A research paper will be required and will emphasize the six-trait writing model.

*Requirements to be placed in **LA9AC**: students must have an average GPA of 3.0+ in 8th grade English and score at the 75th percentile or above on the Spring MAP test their 8th grade year or by S. A. T. recommendation. To remain in **LA9AC** the second semester, students must maintain an 80% (3.0) or higher average in **LA9AC** the first semester.*

LA 10

- ◆ Credit 1.0
- ◆ Course Number 01002
- ◆ Grades: 9, 10

Course will provide intermediate instruction in writing and literature, with a focus on six-trait writing and various forms of literature, including short stories, poetry, novels, and drama. The writing portion of the course will utilize computer technology in the production of essays, research papers and other writing projects. The course will build upon instruction received during the freshman year and prepare students for instruction to be received during the junior year of language arts. A research paper will be required and will emphasize the six-trait writing model.

LA10AC

- ◆ Credit 1.0
- ◆ Course Number 0120B
- ◆ Grade: 10

LA10AC will revisit the five paragraph format through an emphasis on six-trait writing. Other forms of expression such as technical writing will also be introduced. Students are encouraged to critically analyze literary work, looking for symbolism, thematic devices, etc. The research process and paper is further explored, showing students techniques for note-taking, locating information, and synthesizing the information found to develop a paper. Additional importance is placed on informative speeches and format for speaking.

*Requirements to be placed in **LA10AC**: 3.0+ average in LA9 or LA9AC, and ACT score of 16+ in both English and Reading (or equivalent Accuplacer test scores) OR scoring at the 75th percentile or above on the spring MAP or by S. A. T. recommendation. To remain in **LA10AC** the second semester, students must maintain an 80% (3.0) or higher average in **LA10AC** the first semester. **LA10AC** is required for Val/Sal Consideration.*

LA 11

- ◆ Credit 1.0
- ◆ Course Number 01003
- ◆ Grade: 11 - 12

LA11 will integrate reading, writing, grammar and vocabulary into a whole language approach centered around the analysis of American Literature and its historical significance. Emphasis will be placed on the six-trait writing model as exemplified in the multi-paragraph theme. Again, various technical writing assignments will be made to show students a variety of methods to present information. Research from a variety of sources will be emphasized in the research paper unit.

LA 11 AC

- ◆ Credit 1.0
- ◆ Course Number 01102
- ◆ Grade 11

LA11AC will integrate reading, writing, grammar and vocabulary into a whole language approach centered around the analysis of American Literature and its significance to the historical time periods in which it was written to a more in-depth, with more interdisciplinary connections than the regular language arts class. Emphasis will be placed on the six-trait writing model as exemplified in the multi-paragraph theme. A research paper will be required.

*Requirements to be placed in **LA11AC**: 3.0+ average in LA10 or LA10AC, and ACT score of 18+ in both English and Reading (or equivalent Accuplacer test scores) OR scoring at the 75th percentile or above on the spring MAP or by S. A. T. recommendation. To remain in **LA11AC** the second semester, students must maintain an 80% (3.0) or higher average in **LA11AC** the first semester. **LA11AC** is required for Val/Sal consideration.*

LA12

- ◆ Credit 1.0
- ◆ Course Number 01104
- ◆ Grade 12

LA12 will integrate reading, writing, grammar and vocabulary into a whole language approach centered around English Literature.

Emphasis will be placed on the six-trait writing model as exemplified in multi-paragraph essays culminating in the senior research paper. British Literature will be looked at and students will improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time.

LA12AC

- ◆ Credit 1.0
- ◆ Course Number 01103
- ◆ Grade 12

This course will integrate reading, writing, grammar and vocabulary into a whole language approach centered around the analysis of British Literature and its significance to the historical time periods in which it was written to a more in-depth level, with more interdisciplinary connections than the regular language arts class. Emphasis will be placed on the six-trait writing model as exemplified in the multi-paragraph theme. A research paper will be required.

*Requirements to be placed in **LA12AC**: 3.0+ average in LA11 or LA11AC, and ACT score of 20+ in both English and Reading (or equivalent Accuplacer test scores) OR scoring at the 75th percentile or above on the spring MAP or by S A.T. recommendation. To remain in **LA12AC** the second semester, students must maintain an 80% (3.0) or higher average in **LA12AC**. **LA12AC OR COLLEGE English Comp I and II** are required for Val/Sal consideration.*

Language Arts - cont.

Composition 1 (Dual Credit)

- ◆ Credit .5
- ◆ Course Number 01103
- ◆ Grades: 11, 12

Composition courses focus on students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences. Students will explore and practice descriptive, narrative, persuasive, and expository styles as they write essays, formal documented papers, and literary analysis. See *Counselor for registration*. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. Test score requirement: 18 on ACT or Accuplacer (English and Writing) equivalent. Composition I and II may be used for Val/Sal consideration when taken for 4th English credit.

Composition 2 (Dual Credit)

- ◆ Credit .5
- ◆ Course Number 01103
- ◆ Grades: 11, 12

Composition courses focus on students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences. Students will explore and practice descriptive, narrative, persuasive, and expository styles as they write essays, formal documented papers, and literary analysis. See *Counselor for registration*. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credits. Prerequisite - pass Composition I with a C or better. Composition I and II may be used for Val/Sal consideration when taken for 4th English credit.

Creative Writing (Elective Credit)

- ◆ Credit .5
- ◆ Course Number 01104
- ◆ Grades: 9, 10, 11, 12

Designed writing in poetry, drama, short stories, and other forms of prose as well as a study of literary devices. Emphasis of the course is on writing but may include reading different examples of various genres to obtain a fuller appreciation of the form and craft.

Debate (Elective Credit)

- ◆ Credit .5
- ◆ Course Number 01153
- ◆ Grades: 9, 10, 11, 12



Debate offers students the opportunity to learn to develop and use oral skills of scholarly argumentation. Students develop skills such as logic, reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. This class is the foundation of the HHS Debate team (KSHSAA activity) and requires participation in tournaments as a part of the grade for the class. These tournaments will require travel and KSHSAA eligibility.

Forensics (Elective Credit)

- ◆ Credit .5
- ◆ Course Number 01154
- ◆ Grades: 9, 10, 11, 12

Develops individual speaking talents through competitive and classroom speech activities. Students will participate in weekend tournaments and assist in the management of the local tournament.

Public Speaking (Elective Credit) *(Dual Credit-Edukan)*

- ◆ Credit .5
- ◆ Course Number 01063
- ◆ Grades: 10, 11, 12

Public Speaking enables students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, etc.) Course topics may include research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. See *Counselor for registration*. Fees and tuition rates apply. Students who pass the course with a C or better will earn 3 college credit hours. ACT score not required.

Reading for Pleasure (Elective Credit)

- ◆ Credit 1.0
- ◆ Course Number 01053
- ◆ Grades: 9, 10, 11, 12

Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.

21st Century Journalism (Elective Credit)

- ◆ Credit 1.0
- ◆ Course Number 30100
- ◆ Grades: 9, 10, 11, 12
- ◆ Pathway: Digital Media

21st Century Journalism promotes the development of the skill set needed today and in the future. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as understanding the ethical and legal issues related to the field.



Mathematics

Algebra I

- ◆ Credit 1.0
- ◆ Course Number 02052
- ◆ Grade 9

Algebra I picks up where Pre Algebra leaves off. There is overlap with the Pre-Algebra course, but this course extends into simplifying more complicated expressions and solving more complicated equations. Students will explore linear equations, functions, and inequalities, systems of equations, and quadratic expressions, equations, and functions. *Prerequisite - Successful completion of Pre-Algebra and/or teacher recommendation.*

Algebra I Part 1

- ◆ Credit 1.0
- ◆ Course Number 02053
- ◆ Grade 9

The first part in a multi-part sequence of Algebra I. This course generally covers the same topics as the first semester of Algebra I, including the study of properties of rational numbers (i.e., number theory), ratio, proportion, and estimation, exponent. *Only by teacher approval*

Algebra I Part II

- ◆ Credit 1.0
- ◆ Course Number 02054
- ◆ Grade 10

The second part of Algebra I. This course generally covers the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

Algebra II

- ◆ Credit 1.0
- ◆ Course Number 02056
- ◆ Grades: 9, 10, 11, 12

Algebra II follows *Geometry* or can be taken concurrently with *Geometry* with teacher recommendation. This course reinforces and extends algebraic concepts from *Algebra I*. Problem solving is stressed, particularly as it relates to other disciplines, especially science. Students will explore equations and inequalities involving absolute value, statistics as it relates to linear regression, linear and quadratic functions and equations, systems of equations and inequalities, and polynomial and radical equations and functions. Students will be introduced to trigonometry and analytic geometry. *Prerequisite - Successful completion of Algebra I and Geometry.*

Geometry

- ◆ Credit 1.0
- ◆ Course Number 02072
- ◆ Grades: 9, 10, 11, 12

This course is to follow *Algebra 1* or can be taken concurrently with *Algebra II* with teacher recommendation. *Geometry* is designed to provide a study of postulates, theorems, and geometric symbols as used in proofs. The course will rely heavily on students' problem solving and reasoning skills. Students will explore angle relationships, parallel and perpendicular lines, congruent and similar triangles, quadrilaterals, and area and volume. Students will be introduced to right angle trigonometry and circles. *Prerequisite: Algebra I*

Pre-Calculus

- ◆ Credit 1.0
- ◆ Course Number 01210
- ◆ Grades: 10, 11, 12

A very rigorous course, *Pre-Calculus* stresses abstract problem solving, analytical geometry, and trigonometry. Students will work a great deal with advanced algebraic concepts like logarithms, binomial expansion, and analysis of functions and relations. Success in this class provides good preparation for success in college-level mathematics. *Prerequisite: Algebra II and Geometry.*

Transition to College Algebra

- ◆ Credit 1.0
- ◆ Course Number 02055
- ◆ Grade 12

Transition to College Algebra is a one year course delivered by the high school to seniors who will need *College Algebra* to meet their post secondary goals but require additional academic preparation to be placed into that course.

Calculus

- ◆ Credit 1.0
- ◆ Course Number 02105
- ◆ Grades: 11, 12

Calculus studies topics traditionally offered in the first year of calculus in college. Topics studied include: limits, continuity, derivatives, integrals of algebraic and transcendental functions and their applications, and elementary differential equations. The class prepares the student for college-level mathematics. *Prerequisite: Pre-Calculus or College Algebra. Required for Val/Sal consideration.*

College Algebra (Dual Credit)

- ◆ Credit .5
- ◆ Course Number 02057
- ◆ Grades: 11, 12

College Algebra follows successful completion of *Algebra II and Geometry*. Success in college level mathematics courses begins with a good understanding of *Algebra* and the goal of this course is to help the student develop that understanding. See *Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. Test score requirement: 20+ on ACT or equivalent on Accuplacer ACCM (Math Portion).*

Consumer and Personal Finance

- ◆ Credit 1.0
- ◆ Course Number
- ◆ Grades: 10, 11, 12
- ◆ Pathway

The course provides an in-depth analysis of real life skills and how to apply these skills; will also give an analysis of Financial Literacy. What this class has to offer will benefit you now and after high school. Topics include: Career Decisions-choosing a career, planning for a career, getting a job, work laws, career development; Money Management = pay/benefits and working conditions, federal income tax, budgets and financial records, checking accounts and other banking services, assessing your financial health; Financial Security = saving for the future, investing for the future, investing in stocks, investing in bonds, investing in mutual funds, real estate, retirement and estate planning, assessing financial security; Credit Management = managing credit and debt, responsibilities and costs of credit, credit in America; Resource Management = personal decision making, renting a residence, buying a home, buying and caring for a vehicle, family decisions, managing resources; Risk Management = to Risk management, property and liability insurance, health and life insurance, managing personal risks; Consumer Rights and Responsibilities = role of consumers in a free enterprise system, consumer protection, dispute resolution, exploring ethical issues. *"May count as a math credit for juniors or seniors only with administrative approval."*

Science

Anatomy and Physiology

(Human Body Systems) -

Prerequisite - Biology

- ◆ Credit 1.0
- ◆ Course Number 03053
- ◆ Grades: 10, (by teacher approval only) 11, 12

Following a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, etc.) and may dissect mammals. **Students must have 70% or better at the end of semester 1 to continue with semester 2.**

Advanced Biology

- ◆ Credit 1.0
- ◆ Course Number 03052
- ◆ Grades: 9

Students will cover the same materials in **Biology**, while extending that material to more depth. Students will be required to do more project based assignments, as well as more individual work. *In order to be placed into **Advanced Biology**, students must earn a 4.0 in Science AND 75% on MAPS Science Reading AND 75% on MAPS Science OR 2/3 and Teacher Recommendation. To remain in **Advanced Biology** the second semester, students must maintain an 80% (3.0) or higher average in **Advanced Biology** the first semester.*

Biology

- ◆ Credit 1.0
- ◆ Course Number 03051
- ◆ Grade 9

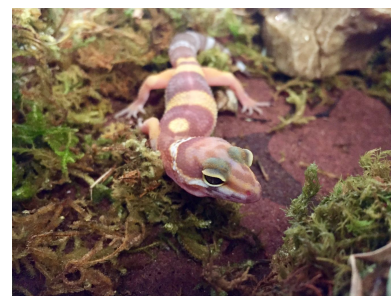
Biology will take a hands-on approach to the study of life science (**Biology**). Topics that will be explored include structure and function of cells, heredity and evolution, ecology, and organisms behavior and diversity. Tools such as computers and multimedia, along with regular science lab equipment, will be used to accomplish the course goals. *Required for Val/Sal and Kansas Scholar consideration.*

Chemistry

Prerequisite: Algebra2

- ◆ Credit 1.0
- ◆ Course Number 03101
- ◆ Grades: 10, 11, 12

Chemistry is designed to develop an understanding of the composition, structure and properties of matter and the changes it undergoes. Students will learn the basics of chemistry including: conversion between units, atomic structure, electron configuration, history and theories of matter, bonding, writing, chemical formulas, writing and balancing chemical equations, gas law, concentrations of solutions, acids and bases, stoichiometry and oxidation-reduction. Math is a necessity for this course. Students who fail the first semester of **Chemistry**, will not be permitted to enroll in the second semester. *Required for Val/Sal and Kansas Scholar consideration.*



College Biology and Lab

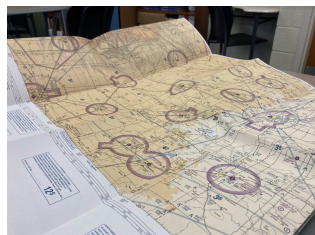
(Principles of Biology)

(Dual Credit)

- ◆ Credit 1.0
- ◆ Course Number 03052
- ◆ Grades: 11, 12

A foundation course emphasizing human interaction and place within all levels of the biosphere and the scientific process. **College Biology** will incorporate six unifying principles: 1) Evolution: Patterns and Products of Change, 2) Interaction and Interdependence, 3) Genetic Continuity and Reproduction, 4) Growth, Development, and Differentiation, 5) Energy, and Organization, and 6) Maintenance of Dynamic Equilibrium. Inquiry oriented investigations will be used to introduce, explore, and expand on concepts discussed in the classroom. See *Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 5 college credit hours. Test score requirements: 18+ on both English and Reading ACT and 15+ on Math ACT (or equivalent Accuplacer scores).*

Biology is a prerequisite.



Science- con't

Earth and Space Science

- ◆ **Credit 1.0**
- ◆ **Course Number 03008**
- ◆ **Grades: 10, 11, 12**

Earth and Space Science introduces students to the study of Earth and the universe. Students explore topics related to Earth's place in the universe, Earth's systems, and the effect of human activities on Earth's surface processes. This course allows students to examine and explain more in-depth phenomena central not only to the earth and space sciences, but to life and physical sciences, as well.

Introduction to Unmanned Aircraft

- ◆ **Credit 1.0**
- ◆ **Course Number 20055**
- ◆ **Grades: 10, 11, 12**

Students explore topics related to the history, terminology, and operational theory of Unmanned Aircraft Systems (UAS). Students learn about UAS regulations, airspace classification, operating requirements, weather, and loading and performance. This course includes a lab where students receive flight training on multi-rotor unmanned aircraft. This course aligns to the current FAA standards for remote pilots operating small UAS, and students have the opportunity to earn their Remote Pilot Certificate during the course.

Physics

Prerequisite Trigonometry or Precalculus

- ◆ **Credit 1.0**
- ◆ **Course Number 03151**
- ◆ **Grades: 11, 12**

Designed to develop an understanding of the behavior and properties of matter in a wide variety of contexts, the **Physics** student will learn the basics of physics including: conversion between units, the laws and properties of matter and the forces acting upon it, linear motion in one and two dimensions, laws of motion, work, energy, momentum, and circular/rotational motion. A good understanding of math is a necessity. *Required for Val/Sal and Kansas Scholar consideration.*

Physical Science

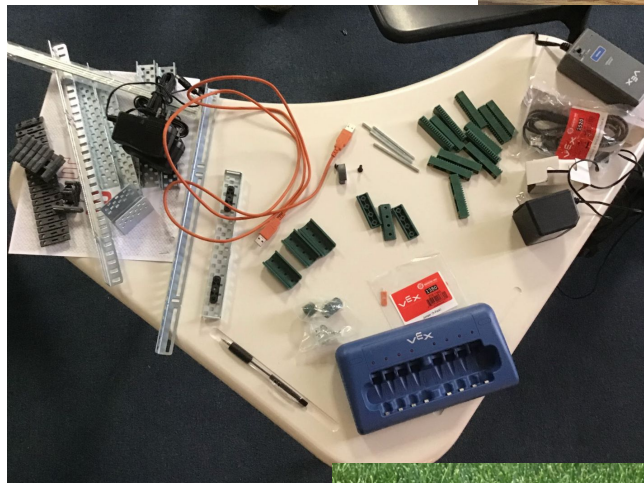
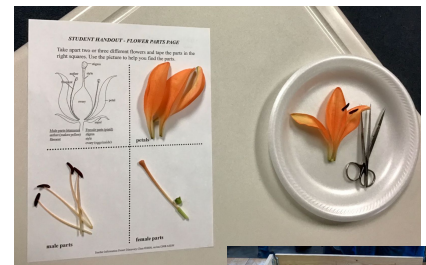
- ◆ **Credit 1.0**
- ◆ **Course Number 03159**
- ◆ **Grades: 9, 10, 11, 12**

Designed to develop abilities necessary to do and understand science inquiry. Students develop an understanding of structure of atoms/compounds/chemical reactions and the interactions of energy and matter.

Robotics

- ◆ **Credit 1.0**
- ◆ **Course Number 21009**
- ◆ **Grades: 10, 11, 12**
- ◆ **Pathway: Eng/App Mathematics**

Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers.



Social Sciences

American National Govt.

(Dual Credit)

- ◆ Credit .5
- ◆ Course Number 04100
- ◆ Grades: 11, 12

American National Government will cover the origin and adoption of the American Constitution, structure of the national government, the processes of popular control and the basic principles of the American Constitutional System.

American History 1/2

(Dual Credit)

- ◆ Credit 1.0
- ◆ Course Number 04149
- ◆ Grades: 11, 12

American History 1 covers the social, political, and economic events that have shaped America from 1492 to 1865.

American History 2 will cover the social, political, and economic events that shaped America from 1865 to the 21st century. See *Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. ACT score not required. Counts for .5 of the U. S. History graduation requirement. Students are also required to take American History 2. Students wishing to receive college credit for the second semester must see the Counselor to enroll.*

Current Events

- ◆ Credit 1.0
- ◆ Course Number 04155
- ◆ Grades: 9, 10, 11, 12

Course provides students with an introduction to the relationships that exist among nations, including an examination of the modern state; the foreign policies of nations, the dynamics of nationalism, ideology, and culture; and the role of international organizations. Course may also emphasize contemporary events.

Economics - 1st semester

- ◆ Credit .5
- ◆ Course Number: 12150
- ◆ Grades: 11, 12
- ◆ Pathway: Business Mgt/Entre

Economics is designed to give students an understanding of economics. The course will increase the students' economic literacy so they may better understand economic development within our country and around the world. It will also provide a background in economic theory, which will aid students in any future study of economics. All students are required to successfully complete one semester of Economics or General Psychology for graduation.

Geography & World History

- ◆ Credit 1.0
- ◆ Course Number 04051
- ◆ Grades: 10, 11, 12

The course consists of a review of world history from the Renaissance to the present. Political geography will be incorporated in this course. *Counts for geography/world history graduation requirement.*

United States History

- ◆ Credit 1.0
- ◆ Course Number 04101
- ◆ Grades: 11, 12

US History reviews United States History from 1492 to the present. *Counts for U. S. History graduation requirement.*

United States Government

- ◆ Credit .5
- ◆ Course Number 04151
- ◆ Grades: 11, 12

This course will cover the Constitution of the United States, the administration of the national government, a study of state government operation, and the local governments used in the U. S. *Fulfills the Government requirement for graduation*

World Civilization I/II (Dual Credit)

- ◆ Credit 1.0
- ◆ Course Number 04001
- ◆ Grades: 10, 11, 12

World Civilization I is designed to examine the social, political, and economic, and technological events that have shaped world societies from prehistory to the 17th century. *World Civilization II* will examine the 17th century to the Modern World. The courses will emphasize the unique nature of each civilization and its contributions to the global community, as well as the interactions between these civilizations. For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of the class is expected. See *Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. ACT score not required. Counts for .5 World History portion of Geography/World history graduation requirement.*

Developmental Psychology

(Dual Credit)

- ◆ Credit 1.0
- ◆ Course Number 04256
- ◆ Grades: 10, 11, 12

Survey courses of human behavior. This course is the study of how and why people change over time, as well as how and why they remain the same, from conception to death. Attention is given to emotional, social, intellectual, physical, perceptual and psychological development. See *Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. Act score not required.*

General Psychology (DualCredit)

- ◆ Credit .5
- ◆ Course Number 04256
- ◆ Grades: 10, 11, 12

Survey courses of human behavior. The student will be introduced to the development and learning aspects of human behavior. Specific emphasis is placed on motivation, emotion, personality, perception, social interaction, adjustment and mental health. See *Counselor for registration. Fees and tuition rates apply.*

Social Sciences - cont.

Students passing the course with a C or better will earn 3 college credit hours. Act score not required.

Human Growth and Dev.

(Dual Credit)

- ◆ Credit .5
- ◆ Course Number 04256
- ◆ Grades: 10, 11, 12

This course is the study of how and why people change over time, as well as how and why they remain the same, from conception to death. Attention is given to emotional, social, intellectual, physical, perceptual and psychological development. See *Counselor* for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. Act score not required.

Mobile Equipment Maintenance

General Service I

- ◆ Credit 1.0
- ◆ Course Number 40150
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Mobile Equip. Maint.

General Service I will provide students with basic theories and information needed to develop an understanding of automotive and light truck vehicles.

General Service II *(Dual Credit)*

- ◆ Credit 1.0
- ◆ Course Number 40152
- ◆ Grades: 11, 12
- ◆ Pathway: Mobile Equip. Maint.

General Service II will provide students with knowledge in the theory of operation, the equipment and the skills necessary for employment in the field of automotive and light truck service. This class will be taught at SCCC. Students will enroll in Auto Tech/Auto Body for their Junior and Senior year.

Research and Emerging Trends in Transportation

- ◆ Credit 1.0
- ◆ Course Number 40251
- ◆ Grade: 12
- ◆ Pathway: Mobile Equip Maint

Research and Emerging Trends will give opportunities to students in IHT, OJT, and/or internships. The full credit version requires more indepth research opportunities, the creation of portfolio documentation of internship activities and the completion of the OSHA 10 safety certification course.



Industrial Technology in Cooperation with SCCC

Industrial Technologies

- ◆ Credit .5 dual credit
- ◆ Course Number 1226
- ◆ Grades: 11, 12

Students who meet criteria set by USD 210 and Hugoton High School administration will be able to enroll in Career and Technical Education courses through Seward County Community College. **Students must be in good standing with a 'C' average and maintain that average in order to continue attending. Students who attend SCCC will be required to sign a contract acknowledging rules and attendance policy. See Counselor for registration. Fees and tuition rates may apply, but these courses are currently funded by the State of Kansas for high school students via Excel in CTE. Students passing courses with a C or better will earn college credit hours. ACT score not required. Transportation may be provided by USD 210.**

Industrial Technology Programs of Study at SCCC

Agriculture encompasses more than what happens in the field. At SCCC, students are able to prepare themselves for today's diverse agriculture related workforce with studies in animal science, agronomy, agri-business, and specialty crops. SCCC stresses the importance of acquiring the technical, business, and communication skills required that contribute to student success through up-to-date courses, hands-on experience, and participation in clubs and organizations available on campus.

AutoBody Collision Repair can lead to a challenging and rewarding career. The vast changes in design, construction, and finish of today's automobiles have created a shortage of top-notch technicians. With the industry requiring the entry of skilled individuals on a continual basis, autobody collision repair is a terrific career with multiple opportunities for growth.

Automotive Business Management

Sourcing replacement parts and inventory management are major challenges in today's world. Automotive Business Management offers proven training for personal and professional development in a challenging career. This program can help you meet your career goals in a rewarding business field that has opportunities for advancement.

Automotive Mechanics Technology

provides students with the challenge of accurately diagnosing and correctly repairing late model cars and light trucks. Students train to become successful automotive technicians while learning basic mechanical skills as well as complex diagnostic procedures.

Business Administrative Technology

prepares graduates for employment in today's technology-driven workplace. The program develops skills in keyboarding and document process, business math calculations, records management, and specialized computer applications. Additionally, emphasis is placed on strengthening skills in language and communication, human relations, customer/client support, and professionalism.

Computer Information Systems

focuses on learning practical applications of technology to support businesses and organizations. Students are able to prepare themselves for success by learning on state-of-the-art hardware and software. With programming/robotics, web design, computer graphics, multimedia production tracks available, the computer information systems program provides courses that offer students the best technology training possible in their chosen field. Transfer programs are available for students interested in furthering their education at a four-year institution.

Diesel Technology features modern late-model engines, such as a C-15 Caterpillar and 60 Series Detroit, to train students. Students are required to have a basic set of tools upon entering the program, toll suppliers and a tool fair will be available to assist students in their selection process.

Drafting and Design Technology

- Our house, office, automobile, streets, our golf clubs, tennis racquets, bicycles, and lawn mowers all began as an engineering or architectural drawing. The drafting and design technology program at SCCC trains students in the art of converting concepts, sketches, and ideas of engineers and architects into detailed drawings for manufacturing, construction, and engineering.

This program is designed to develop drafting skills and learn related fundamentals for manufacturing, engineering, building, construction, surveying and design. Technical drafters are considered the communication link between engineering professionals and industry. In this position, the drafter is both creative and knowledgeable.

Heating, Ventilation, Air Conditioning and Refrigeration

is considered one of the greater developments of the 20th century. The demand for skilled technicians is on the rise as the world continues to focus on energy efficiency. As a result of the expanding markets for refrigeration and air conditioning, along with changing technology, qualified personnel are needed both at home and abroad. The HVAC-R program is designed to teach the appropriate skills needed for this field. Students train with state-of-the-art equipment and learn techniques to diagnose, repair, and install commercial and residential refrigeration and furnace systems.

Machine Tool Technology

prepares students for employment within the tool-making/machining industry. Students will transform raw materials, like steels, aluminum, bronze, copper, composites and plastics, into working parts and assemblies.

This self-paced performance-based curriculum lets you learn at optimum speed or slow down to a pace that is comfortable to you. You'll get your most valuable experience working "hands-on" with up to

Industrial Technology in Cooperation with SCCC - cont.

date equipment such as bench and hand tools and machine tools, including engine lathes, vertical mills, drill presses, grinders, and CNC (computer controlled machines).

Machine technology students get their training in the machine shop. Class projects and outside work provide a wide variety of skills and broaden the learning spectrum for each student.

Natural Gas Compression Technology prepares students for entrance into the natural gas industry as entry level maintenance technicians. Through cooperation with regional natural gas industry leaders, SCCC is able to provide students with the most u-up-t- training required by the dynamic industry. The natural gas industry has long been a major employer within the Liberal, Kansas area and the larger region as a whole.

Students in the natural gas compression technology program learn precision measurement, workplace skills, engine theory, basic electricity and circuits, metal fabrication, basic welding, repairing compressors and engines, compressor theory, mounting and aligning compressors, and preventative maintenance of engines and compressors. Our students participate in an internship at the end of their program of study to prepare them for the workforce and give them experience working with a company in the industry.

The program is located in the energy sector of the auto body building and includes many opportunities for hands-on learning, from small three-cylinder engines to large 12-cylinder engines and both reciprocating compressors as well as screw compressors. Students may also be able to participate in additional hands-on opportunities including an operating engine and compressor packages. These packages connect to pipelines to allow students real-world experiences with natural gas engines and compressors before going into the field. The packages even allow for faults to be interjected so that students can learn troubleshooting and resolution techniques. The hands-on experiences that our facilities provide allow for students to directly apply the knowledge gained in the classroom and prepare for their future in the workforce.

Process Technology teaches extensive hands-on-training on typical plant equipment, process controls, and product quality analysis. Plant operators work as a part of a team to plan, analyze, and control the quality of processes involved in bringing a material from its raw state to a state that can be used for production purposes. The world counts on industrial processes to transform raw materials into building blocks of modern society.

Plant operations encompass a vast range of industries, such as petrochemical, mineral processing, advanced material, food, pharmaceutical, and biotechnological industries. This includes monitoring power plants and other facilities to operate efficiently, reduce emissions, and conserve natural resources.

Welding Technology - SCCC offers a 10 month program in Welding Technology. For more information please visit SCCC.edu/Academics/Program of Study/Welding Technology.

Supplemental and Miscellaneous Programs

ACT Test Prep

The purpose of ACT Prep at Hugoton High School is to help college-bound sophomores, juniors, and seniors better prepare for the ACT examination. The semester long course will provide an overview of the test for the English and Math portions. Students will be given practice ACT examinations. Although the class is available to sophomores and juniors, preference for fall enrollment will be given to seniors who have not achieved an ACT score allowing them to enroll in non-remedial college courses. Spring semester enrollment will be available on a first come, first served basis.

Edgenuity

Not seeing what you would like as an elective that is tied to your Individual Plan of Study? Contact the counselor for details on options using virtual learning. These courses are available for students who are able to learn independently and work in a virtual environment.

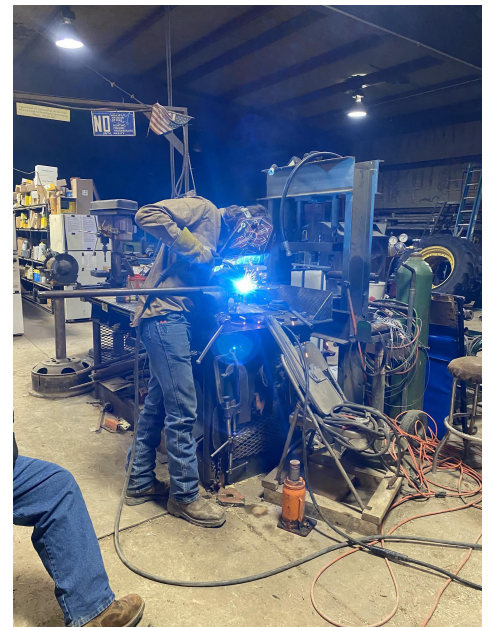
DRE 1200 Drivers Education

Drivers Education instruction will take place during the summer. Students will attend mandatory classroom instruction the early part of June as stated by the instructor. Driving will take place as set up by the instructor during June and July. The cost of the class is \$150.00 and is due upon enrollment. All upperclassmen will be assigned before Freshmen and 8th graders.

Miscellaneous Workplace

Experience Internship

Workplace Experience courses provide students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.





Archived Courses

03159 Advanced Physical Science

1 unit credit

Students will cover the same material in Physical Science, while extending that material to more depth. Students will be required to do more project based assignments, as well as more individual work. Prerequisite - student must have a 1) score in the 75th% on their Math MAP, 2) earn at least 85% in their current science class, 3) have completed Algebra II, and/or 4) recommended by both their current science and math teachers. To remain in Advanced Physical science the second semester, students must maintain an 85% or higher average in Advanced Physical Science the first semester.

21004 Principles of Engineering

1 unit credit

In Principles of Engineering, basic scientific and mathematical ideas are applied to engineering challenges. Students will be asked to practice mathematical ideas while applying them to the physical world. Topics covered in Principles of Engineering include, but are not limited to: History of Engineering, Simple Machines, Energy, Reverse Engineering, Sketching and Statics and Kinematics

02055 Intermediate Algebra

.5 unit credit

Available first semester for seniors who have successfully completed Geometry and Algebra II. It may be offered for college concurrent credit or just high school credit. This class is followed by College Algebra second semester. This is a college level remedial course designed to prepare students who do not have a qualifying test score for College Algebra. See counselor for registration. Fees and tuition rates apply. Test Score requirement: 18+ on ACT or 29 or below on Accuplacer ADDM (Math portion only).

02103 College Trigonometry

.5 unit credit

College Trigonometry is offered only during the second semester following successful completion of College Algebra. Students passing the course with a C or better will earn 3 college credit hours. See counselor for registration. Fees and tuition rates apply. Prerequisite: College Algebra

02071 Applied Geometry

1 unit credit

Students would generally take this class after Algebra I or Algebra II Part 2. This course emphasizes a practical approach to the study of geometry and deemphasizes the abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods or reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles. This geometry class is taught without proof. Topics will be applied in real world situations. Prerequisite - Algebra I and teacher recommendation.

06103 Advanced Spanish

1 unit credit

This course is designed for the student who has previous knowledge of Spanish. Students will study the mechanics of Spanish grammar and spelling punctuation and will be exposed to a variety of Spanish literature which they will read, analyze, and discuss. They will research the current events, art, music and cuisine of Spanish speaking countries, and they will experience extensive writing and conversation practice. This course is open only to those who have taken Spanish I and II or who have tested out of Spanish I and II and have the teacher's recommendation

06101 Elementary Spanish I

1 unit credit

Spanish I is designed to introduce students to the study of a second language. Emphasis will be given to establishing basic listening, speaking, reading and writing skills. Students will learn greetings, vocabulary relating to school, family relationships, housekeeping and shopping. They will also learn all regular and many irregular present tense verb conjugations. Attention is paid to promoting cultural Mexico and the Latino

influence in the United States. This course will establish fundamental language skills and motivate students to communicate in a second language.

This class qualifies for part of the foreign language requirement for Kansas Scholar and Val/Sal consideration and is a concurrent college class w/SCCC. See Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 5 college credit hours. ACT score not required.

06102 Elementary Spanish II

1 unit credit

Spanish II builds on and expands the listening, speaking, reading, writing and conversational skills established in Spanish I. Students will learn preterit, imperfect, future and imperative tense verb conjugations (indicative mood). They will learn vocabulary relating to food, meals at home and in a restaurant, shopping, health, feelings, vacations and celebration. Students will research different Spanish speaking countries with an emphasis on South American countries and cultures. The course will prepare students with skills necessary to read, write, listen, and converse in everyday settings.

Prerequisite: Elementary Spanish I. This class qualifies for part of the foreign language requirement for Kansas Scholar and Val/Sal consideration and is a concurrent college class w/SCCC. See Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 5 college credit hours. ACT score not required.

01065 Film & Literature

1 unit credit

Course explores the complex interplay between film and literature. Selected novels, short stories and plays are analyzed in relation to film versions of the same works in order to gain an understanding of the possibilities - and problems-involved in the transposition to film. This class will also investigate films that do not have written work as their inspiration to discover the ways in which these stories work in terms of our understanding of the nature of literature and the role it plays in our lives. *This course requires extensive reading (up to 150 pages/week) and writing on a regular basis in addition to viewing films and taking part in class discussions. Offered during even years.

01061 Gothic Literature

1 unit credit

From vampires to ghosts, these frightening stories have influenced fiction writers since the 18th century. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural and descriptions of the difference between good and evil are just a few of the themes presented. By the time students have completed this course they will have gained an understanding of and an appreciation for the complex nature of dark fiction. This is a reading intensive course. *Offered during odd years.*

03214 Forensic Science

1 unit credit

Forensic Laboratory science courses involve the application of biological, chemical, and physical science principles to data and physical evidence related to evidence collection and analysis. The courses focus on the application of scientific knowledge and scientific principles to collect, preserve, and analyze evidence in a laboratory setting. Topics may include but are not limited to entomology, forensic anthropology, serology, fingerprinting. *Biology is a prerequisite.*

22206 Adulting 101

1 unit credit

Course provides students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. Emphasis on such topics as goal-setting, decision-making, and setting priorities; money and time management; relationships; and the development of self.

18052 Horticulture

1 unit credit

Introductory course for students interested in the horticulture science field. Topics covered include overview of the horticulture industry, basic plant science, soils, plant propagation, plant and seed identification, landscape installation, turf grass management, basic floral design, and greenhouse production practices.

18403 Agriculture Structures

1 unit credit

Agriculture Structures courses provide students with the skills and knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures. *Class format: discussion, guest speakers, interviews with business leaders, presentations and field trips. (Completion of Agri-science is required)*

01054 American Literature

.5 unit credit

Focus is upon commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required.

01056 British Literature

.5 unit credit

Course provides a survey of British literature or may focus on a selected time frame of England's history. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required.

01105 Technical Writing

.5 unit credit

This class prepares students to write research papers and/or technical reports. These classes emphasize researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a technical style.

01106 Research and Communication

This class prepares students to write research papers and/or technical reports. These classes emphasize researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a technical style.

01201 Laugh Your Way Through Grammar

.5 unit credit

Involves the study of the English language - its roots and derivations, structure and sentence patterns, dialects, writing and spelling systems, and uses as a communication tool.

10210 Animation

1.0 unit of credit

Students will learn how to create and edit vector paths, use advanced animation techniques, actionscript animation - programming principles, modular code, add audio, video basics and embedded video to create videos. They will also learn about color concepts and design to create videos for different applications.

10040 Emerging Technologies

1 unit credit

New advances in technology offer the promise of more efficiency, convergence of existing technologies, improved productivity and represent progressive development. The degree of impact, status, deployment and economic viability affect future opportunities for society.

10203 Interactive Media

1 unit credit

Interactive Media courses provide students with the knowledge and skills to create, design, and produce interactive media products and services. The courses may emphasize design, and produce interactive media products and services. The courses may emphasize the development of digitally generated and/or computer-enhanced media. Course topics may include 3D animation, graphic media, web development, and virtual reality. Upon completion of these courses, students may be prepared for industry certification.

21109 Research and Design for Pre-Construction

Advanced research and application course that covers specific topics in design and pre-construction (drafting/architecture) to include management and "green design" skills.

17005 Research & Design in Building Trades

1 unit credit

Advanced research and application course that covers specific topics in design and pre-construction (drafting/architecture) to include management and "green design" skills.

22298 Work Study

2nd semester only .5 unit credit

Available to **SENIORS ONLY** who desire to supplement their course schedule with work experience. The number of hours allowed to receive elective credit are specified in the Hugoton High School Handbook. Each student is evaluated at the end of each nine week grading period. Students are required to seek their own job locations, and each job must be approved by the principal. Evaluations are conducted on a pass/fail basis, and are not computed as part of the cumulative grade point average.

14062 Care of Athletes

.5 unit Credit

Care of Athletes courses provide students with the knowledge and skills to understand and perform therapeutic tasks that would be designated by an athletic or fitness trainer. Topics covered may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. Students may learn to measure cardiorespiratory endurance, muscular strength and endurance, flexibility, body composition, and blood pressure. More advanced topics may include injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes.

14072 Sports Medicine I

1 unit Credit

Sports Medicine I will provide students an overview of the specialized health care needed in the wide world of sports and physical activity. Students will learn what sports medicine is and the multidisciplinary approach to athletic health care. The course will also introduce students to basic body systems in addition to the physical and mental demands of physical activity at all levels. The students will be introduced to such things as kinesiology, bleeding and shock, the bones and soft tissue, the foot, ankle, and lower leg, the knee, the hip and pelvis, the elbow, wrist, and hand, the shoulder, the chest and abdomen, the head and face, the spine, and lastly special considerations in athletes.

06103 Spanish 3

1 unit credit

Spanish III focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

06109 Spanish Literature

1 unit credit

Course places emphasis on reading, understanding, and reacting in writing to literature written in Spanish.

04051 World Regional Geography

.5 unit credit

World Regional Geography is a study of geography that will examine cultural, economic, physical, and political aspects of the world from a social science perspective. Emphasis will be placed on this topical approach, as will human interaction with the earth in more and lesser developed settings. For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying /preparation outside of class is expected. See *Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. ACT score not required. Counts for the Geography portion of Geography/World History graduation requirement.*

10201 Web Page Design

1 unit credit

Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages - such as Extensible Hypertext Markup, Java Script, Dynamic HTML, and Document Object Model - to develop and maintain a web page. These courses may also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the Internet. Advanced topics may include the use of forms and scripts for database access, transfer methods, and networking fundamentals.

12153 Marketing

1 unit credit

Marketing - Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers and economics are often covered as well.

College Elementary Statistics

(Dual Credit)

- ◆ Credit 1.0
- ◆ Course Number 02201
- ◆ Grades: 11, 12

College Elementary Statistics is offered only during the second semester following successful completion of College Algebra. Students passing the course with a C or better will earn 3 college credit hours. See *Counselor for registration. Fees and tuition rates apply. Students passing the course with a C or better will earn 3 college credit hours. Prerequisite: College Algebra*

Intro to Business

- ◆ Credit 1.0
- ◆ Course Number 12051
- ◆ Grades: 10, 11, 12
- ◆ Pathway
- ◆ Club: DECA

Introductory Busine

ss courses survey an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the American economic system and corporate organization. Introductory Business courses may expose students to varied opportunities in secretarial accounting, management, and related fields.

Drafting/CAD (Dual Credit)

- ◆ Credit 1.0
- ◆ Course Number 21009
- ◆ Grades: 10, 11, 12
- ◆ Pathway: Construction/Design

Frequently offered as an intermediary step to more advanced drafting courses (or as a concurrent course), CAD Design and Software courses introduce students to the computer-aided drafting systems available in the industry.